

AMENDMENTS TO THE CLAIMS

23. (Currently Amended) A method comprising:
exposing a plurality of photodiodes of an image sensor to a light source; and
modifying a light receiving area of a first photodiode and a second photodiode by the use of
one or more light shields, such that, for a given size of light receiving area, a first photodiode is
exposed to a greater amount of incident light than a second photodiode.
24. (Previously Presented) The method of claim 23, wherein modifying the light receiving area
comprises modifying on the basis of a responsivity of a color assigned to one of the first
photodiode and the second photodiode.
25. (Previously Presented) The method of claim 23, wherein modifying the light receiving area
comprises masking a portion of one of the first photodiode and the second photodiode from
incident light.
26. (Previously Presented) A method comprising:
providing an image sensor comprising a plurality of pixels;
modifying a light receiving area of alternate pixels by the use of one or more light shields,
such that, for a given size of light receiving area, a first pixel is exposed to a greater amount of
incident light than a second pixel; and
capturing an incident light.
27. (Previously Presented) The method of claim 26, wherein modifying the light receiving area
comprises modifying on the basis of a responsivity of a color assigned to one of the first pixel and
the second pixel.
28. (Previously Presented) The method of claim 26, wherein modifying the light receiving area
comprises masking a portion of one of the first pixel and the second pixel from the incident light.